SBR No: TDSD/AEE/SBR/W2022-23 Dt: 03.06.2022

Original/Duplicate/Triplicate

P.W.G. 17 1st and Final bill

CONTRACT CERTIFICATE

Reference paras

NO Date

Division Dasarahalli Sub division Hegganahalli Cash book vr No

Ens received No Date Sub-divisional Date

Divisional

Head of account P3726

Sheduled Docket No

Name of work(as per sanctioned estimate)

NAME OF WORK : Improvements and Re-Asphalting to Ganesha Saw Mill road and surrounding roads in Dasarahalli in Ward No.15

Work Code: 015-20-000107

Name of contractor and full address :- **Smt. K Manjula**

Reference to agreement No :- 03/2022-23 Estimated cost : 55.00 Lakhs Work order No : EE/DD/WO/03/2022-23 Dated.20/04/2022

Certified that the measurments were taken by me on and recorded on pages 65829 to 65831/2 of measurment book No. 659/17-18 and the work is satisfactorily executed by the contractor.

Officer in Charge of Work

Signature of contractor

Certified that the measurments were taken by me on 02/06/22 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಇಂಜಿನಿಯರ್ ವಿಭಾಗ
ಬಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು
ಬೆಂಗಳೂರು

1) Total value of work done or supplies as per A/c within
2) Deduct amount to be held in reserve being-----percent Rs----------%-------- Balance---
3)
4) Deduct payments
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of
b) Cost of payments/stores or other materials supplied now made recovery of
Amount paid on this bill by cheque/cash Total
5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor.

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

1st and Final Bill →	43,63,237-00
IT →	43632-00
LWC →	43632-00
CBF →	4363-00
Rly →	107418-00
FSD →	218162-00
CAST →	38957-00
SAST →	38957-00
Net →	38,68,122-00
	49515/-

EXECUTIVE ENGINEER Bruhat Bengaluru Mahanagara Palike Dasarahalli Division, Bengaluru-73

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Audited and admitted for Rs 4363237/-

Passed by Cheque for Rs 3868122/-

Thirty Eight Lakhs Sixty Eight Thousand one hundred Twenty two only

by adjustment Rs 49515/-

Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Date Initials of officer making payment

Accountants Superintendent Exe. Engineer

B.B.M.P. Dasarahalli Division

Date Executive Engineer

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sq m	126.88	-	-	968.10	122833.00	968.10	122833.00
2	Earthwork excavation by manual means in Ordinary Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work	Cu m	152.26	-	-	675.39	102835.00	675.39	102835.00
3	Providing and fixing RCC Precast slabs of 0.10 thick of CC M20 with 20mm and down size graded granite metal machine mixed, including cost of labour, HOM of Machinery, curing complete	Sq m	1841.10	-	-	40.50	74565.00	40.50	74565.00
4	KSRRB M400-6.2. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixingby mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - Close graded granular sub-base material as per 400-1 For Grading I Material	Cu m	2114.70	-	-	140.62	297369.00	140.62	297369.00
	"..... Qty Exceeds above 125%	Cu m	2862.63	-	-	54.70	156586.00	54.70	156586.00
5	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cu m	2281.46	-	-	140.62	320819.00	140.62	320819.00
	"..... Qty Exceeds above 125%	Cu m	3001.81	-	-	157.53	472875.00	157.53	472875.00

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
6	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sq m	30.21	-	-	1302.17	39339.00	1302.17	39339.00
7	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cu m	6528.99	-	-	65.10	425037.00	65.10	425037.00
8	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sq m	12.08	-	-	3750.00	45300.00	3750.00	45300.00
	"..... Qty Exceeds above 125%	Sq m	15.04	-	-	938.05	14108.00	938.05	14108.00

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
9	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53 2015. - do - using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cu m	7708.38	-	-	150.00	1156257.00	150.00	1156257.00
	....."..... Qty Exceeds above 125%	Cu m	12970.23	-	-	37.51	486513.00	37.51	486513.00
10	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sq m	518.40	-	-	156.25	81000.00	156.25	81000.00
	....."..... Qty Exceeds above 125%	Sq m	599.35	-	-	8.33	4993.00	8.33	4993.00

Sl No	Items of Work (grouped under sub heads the sub works of the estimate)	Unit	Rate	Previous Measurement	Present Measurement			Up to date		
					Qty	Amount		Qty	Amount	
11	KSRRB M 100.1 Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum.KSRRB M100.1 Placing upper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications									
	Total Amount of Work					1895747.00				1895747.00
	Add GST 12%					46749.00				46749.00
	Total Bill Amount					436323.00				436323.00

Certificate:

Certified that the contractor has work done satisfactorily

Certified that the contractor has removed the debries from work site

Certified that there is no departmental issues made by Contractor

Assistant Engineer
Ward 15

Assistant Executive Engineer
Dasarahalli Sub Division